

MATERIAL SAFETY DATA SHEET

IN THE EVENT OF A CHEMICAL EMERGENCY INVOLVING A SPILL,
LEAK, FIRE, EXPOSURE OR ACCIDENT - 24 HOUR TELEPHONE
EMERGENCY CONTACT: 1-800-424-9300 *CHEMTREC

DOT HAZARD CLASSIFICATION: NOT APPLICABLE

IDENTITY (AS USED ON LABEL AND LIST) KERACOLOR WALL (ALL COLORS)		Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.	
SECTION I			
MANUFACTURER'S NAME MAPEI CORPORATION		EMERGENCY TELEPHONE NUMBER 1-800-42-MAPEI	
Address (number, street, city, state, & zip code) 1350 LIVELY BOULEVARD		Telephone Number for Information 1-708-364-4470	
ELK GROVE VILLAGE, IL 60007		Date Prepared JUNE 1, 1993	
		Signature of Preparer (optional)	
SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION			
Hazardous Components (specific chemical identity; common names(s))		OSHA PEL	AGGIH TLV other limits recommended %(optional)
SILICA FLOUR, CRYSTALLINE (CAS#14808-60-7)		SEE NOTE A	SEE NOTE B N/A
PORTLAND CEMENT (CAS#65997-15-1)		50Mppcf	10Mg/m ³ TOTAL N/A
TITANIUM DIOXIDE (CAS#13463-67-1)		15MG/M ³	10Mg/m ³ TOTAL N/A
IRON OXIDE (CAS#1309-37-1)		10mg/m ³	5mg/m ³ N/A
NOTE A: OSHA PEL 10Mg/m ³		NOTE B: AGGIH TLV 0.1 Mg/m ³	
%SiO ₂ +2		RESPIRABLE DUST	
THIS PRODUCT CONTAINS FREE SILICA. AVOID DUSTY CONDITIONS. AVOID BREATHING DUST. IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER) REPORTS THAT THERE IS EVIDENCE THAT CRYSTALLINE SILICA IS CARCINOGENIC TO LABORATORY ANIMALS BUT ONLY LIMITED EVIDENCE THAT IT IS CARCINOGENIC TO HUMANS (IARC, GROUP 2A).			
FOR CALIFORNIA: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE, CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE TOXICITY.			
SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS			
Boiling Point NOT KNOWN TO BOIL	N/A	Specific Gravity (H2O=1)	2.0 - 2.2
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR=1)	N/A	Evaporation Rate (Butyl Acetate =1)	N/A
Solubility in Water NEGLECTIBLE			
Appearance and Odor POWDER, NO ODOR			
SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (method used) N/A	Flammable Limits N/A	LEL	UEL
Extinguishing Media N/A			
Special Fire Fighting Procedures N/A			
Unusual Fire and Explosion Hazards N/A			

N/A = NOT AVAILABLE

SECTION V - REACTIVITY DATA			
Stability	Unstable		Conditions to Avoid NONE KNOWN
	Stable	X	
Incompatibility (materials to avoid) NONE KNOWN			
Hazardous Decomposition or Byproducts NONE KNOWN			
Hazardous Polymerization	May Occur		Conditions to Avoid NONE KNOWN
	Will not Occur	X	
SECTION VI - HEALTH HAZARD DATA			
Route(s) of Entry	Inhalation? YES	Skin? YES	Ingestion? NOT PROBABLE
Health Hazards (acute and chronic) ACUTE: REPEATED INHALATION OF RESPIRABLE DUST FOR EXTENDED PERIODS OF TIME MAY CAUSE INJURY TO THE LUNGS			
CHRONIC: REPEATED EXPOSURE WITHOUT RESPIRATORY PROTECTION MAY CAUSE SILICOSIS.			
Carcinogenicity:	NTP? YES	IARC Monographs? YES, SILICA SAND GROUP 2A	OSHA Regulated? NO
Signs and Symptoms of Exposure DRY SKIN POSSIBLE ALKALI BURNS FROM SKIN CONTACT WITH WET OR MOIST PORTLAND CEMENT.			
DYSPNEA, PAIN IN THE CHEST, DECREASED VITAL CAPACITY AND COUGH DUE TO INHALATION OF SILICA DUST			
Medical Conditions Generally Aggravated by Exposure REPEATED EXPOSURE WITHOUT RESPIRATORY PROTECTION MAY CAUSE SILICOSIS			
Emergency and First Aid Procedures EYES: FLUSH WITH COOL WATER FOR 15 MINUTES. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.			
SKIN: AVOID PROLONGED CONTACT WITH SKIN, RINSE WITH COOL WATER FOR 15 MINUTES.			
INHALATION: REMOVE TO FRESH AIR.			
INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION.			
SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE			
Steps to be Taken in Case Material is Released or Spilled AVOID DUSTY CONDITIONS. PREFERRED METHOD IS TO VACUUM MATERIAL. IF NOT SPRAY WITH WATER AND CLEAN UP WITH A BROOM AND SHOVEL.			
Waste Disposal Method DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.			
Precautions to be Taken in Handling and Storing STORE IN A COOL DRY AREA. AVOID DUSTY CONDITIONS.			
Other Precautions AVOID PROLONGED CONTACT BETWEEN SKIN SURFACES AND WET OR MOIST PORTLAND CEMENT. SKIN SURFACES EXPOSED TO WET OR MOIST PORTLAND CEMENT SHOULD BE WASHED PROMPTLY WITH CLEAN WATER FOR 15 MINUTES.			
SECTION VII - CONTROL MEASURES			
Respiratory Protection (specify type) NIOSH APPROVED FOR DUSTY ENVIRONMENT			
Ventilation	Local Exhaust Observe current EPA standards	Special N/A	
	Mechanical (general) N/A	Other N/A	
Protective Gloves IMPERVIOUS FOR SENSITIVE SKIN	Eye Protection RECOMMENDED		
Other Protective Clothing or Equipment AS REQUIRED TO MINIMIZE EXPOSURE TO WET OR MOIST PORTLAND CEMENT.			
Work/Hygienic Practices WASH FACE AND HANDS, PROMPTLY AND THOROUGHLY WITH COOL WATER FOR 15 MINUTES UPON EXPOSURE TO WET OR MOIST PORTLAND CEMENT			